

Alaska West Express

Emergency Response Strategy



Emergency Response System Components

- Core Expectations
- Pre-planning & Relationship Building
- Operational Equipment Selection & Maintenance
- Response Equipment Inspection & Maintenance
- Employee Training



LYNDEN HSSE Policy

This Health, Safety, Security and Environmental (HSSE) Policy covers all of Lynden. Lynden is committed to operating in a safe, secure and environmentally responsible manner. We pledge to manage our business in accordance with the following principles:

- Meet or exceed compliance obligations for applicable HSSE legislation, regulations and Lynden's requirements.
- Make HSSE a priority in Lynden's organizational culture by encouraging and supporting personnel and management in their daily efforts to achieve and surpass HSSE compliance.
- Provide employees with a safe, secure and environmentally friendly workplace, clear expectations regarding environmental requirements, and the necessary training to perform their jobs in compliance with HSSE regulations. We will recognize and actively support employee efforts to improve environmental performance.
- Inform Lynden's employees, contractors, partners, government agencies, and the public of our HSSE policy. Advise our employees, contractors, partners, government agencies and the public of relevant HSSE aspects of our operations. Openly listen, consult, and respond to their concerns.
- Maintain a commitment to continuous improvement in HSSE performance, including areas not subject to regulation.
- Set annual HSSE objectives, targets and openly report Lynden's performance to employees and other community members who may be concerned with or affected by our business. Audit compliance with this policy and take corrective action where appropriate.
- Maintain an HSSE prevention program that utilizes the most appropriate methods for achieving HSSE objectives and targets.
- Make available appropriate resources to implement this policy.


Jonathan R. Burdick
President & CEO



AWE CORE EMERGENCY RESPONSE EXPECTATIONS

AWE Core Emergency Response Expectations

- Safety of our employees and the public is the highest concern during a response
- We have the time to do things right (before, during, and after an incident)
- Every employee has the right and expectation to **STOP** unsafe acts



AWE Core Emergency Response Expectations

- We will treat local, State, and Federal agencies as partners
- We will meet or exceed all applicable regulations
- We will provide our personnel the appropriate training and equipment before asking them to accomplish the task





PRE-PLANNING & RELATIONSHIP BUILDING

Pre-planning & Relationship building

- Route and journey management plans are developed as appropriate or required
- Procedures and Response Plans have been developed and are maintained
- Employees are encourage to participate in community response organizations
 - Borough HazMat Response Team
 - Local Fire Departments



Pre-planning & Relationship building

- AWE participates in the following committees and communities planning:
 - Local Emergency Planning Committee (LEPC)
 - Statewide HazMat Working Group
 - American Society of Safety Engineers (ASSE)
 - Alaska Fire Standards Council (AFSC)
 - National Training Curriculum Development Committees
 - Alaska Department of Emergency Management Community training outreach

Pre-planning & Relationship building

- We have developed a relationship with an environmental consulting firm to assist with response and mitigation activities.
- The benefit to having them on board ahead of time is:
 - Emergency response coordination with ADEC and remediation contractor
 - Immediate services (Stakeholder identification, identification of sensitive habitats or ecological receptors, rapid work plan development for ADEC approval, able to initiate other permits as required, waste management)
 - Begin cleanup – focus on reducing contamination, while managing risk (site safety, highway or infrastructure integrity, future environmental liabilities)
 - Able to effectively communicate with us and the Stakeholders
 - Can provide a focus on efficiency, quality control/assurance and cost management
 - Site closure – Final Reporting

Pre-planning & Relationship building

- Take a stance that it is better to have a working relationship with all Agencies.

Agencies Include:

- ADEC
- USCG
- EPA
- AKDOT
- AKOSH
- DHS
- USDOT
- AK DHS /
DES
- FBI
- Fire Depts





EQUIPMENT SELECTION & MAINTENANCE

Equipment Selection & Maintenance

- AWE operations equipment is selected for operational and safety features
 - New equipment frequently rotated into fleet
 - Part selection (gaskets, valves, liners, hoses)
 - Pumps
 - Oscillators



Equipment Selection & Maintenance

- Appropriate safer technology is utilized when available
 - ISOs and DOT-407's
- Change out frequency on parts
 - Gaskets
- Inspection and PM frequency on equipment
 - Tractors and trailers
 - Hoses
 - Pumps





RESPONSE EQUIPMENT SELECTION, INSPECTION, & MAINTENANCE

Response Equipment Selection, Inspection, & Maintenance

- Equipment selected based on the type of products that we transport and locations that we operate in
- Spill kits on equipment (type of equipment in the kits are reviewed periodically)
- Medium response kits available at all Terminals
- Large Response Trailers staged in Fairbanks and Anchorage



Response Equipment Selection, Inspection, & Maintenance

- Additional equipment available from other Lynden Companies
- Drill kits and stinger tubes available on all AWE trucks
- Equipment inspection frequencies established per manufacture and real-world experience





EMPLOYEE TRAINING

Employee Training

- All AWE employees receive a basic level of response training, topics include:
 - HazCom
 - Personnel Protective Equipment
 - First Responder Awareness
 - Hazard Recognition
 - Container types and safety features
 - Fire prevention and extinguishers



Employee Training

- AWE Emergency Response Team personnel receive additional training that can include:
 - Incident Command
 - First Responder Operations
 - Hazardous Materials Technician
 - Confinement, Containment, and control techniques
 - First Aid/CPR, ETT, and EMT
 - Incident Safety Officer
 - Specialized rescue



Employee Training

- Training geared towards realistic scenarios
- Utilize State and National recognized programs when available
- Focus training towards how a real incident is expected to go



Employee Training

- The small stuff matters
- Training on the equipment that personnel can be expected to utilize during an incident
- Evaluate each training sessions on improvement opportunities
- Refresher training is important as the initial training





HSSE Minute

Environmental Management System Awareness

Alaska West Express complies with many different laws and regulations from local, State, and Federal agencies. We also have to comply with many different customer expectations. The Environmental Management System (EMS) is our guide for following the environmental rules, regulations, and customer expectations. Alaska West Express is looked at as the **Leader** in chemical transportation and handling. Customers and agencies routinely come to Alaska West for training, advice, and our expertise. We are the best because of our personnel, procedures, and equipment. It only takes one incident to ruin our reputation.

All employees are expected to follow our internal policy and procedures. If at any time you're not sure what to do, you must exercise the "STOP WORK" authority and ask your Supervisor, HSE, or other employees on a better way of accomplishing a task.

Spill Prevention

All employees must work proactively to prevent spills and releases to the environment. Spill containment "bund" must be used every time chemicals are transferred in significant quantities. Transfer hoses that are outside of spill containment areas should have an additional layer of protection added to prevent small releases. Examples include wrapping the fitting with a compatible absorbent material and taping or tying it on. When hose connects are disconnected they should be done over containment or buckets to capture any and all drips. For small volume liquid transfers absorbent pads can be used.



Alaska West transports and interacts with many different chemicals, some of which are dangerous. Before you respond to any spill you must first understand the hazards and personal protective equipment (PPE) required handling it safely.

Reporting Procedures

If a spill occurs it must be reported to your Supervisor, Terminal Manager, or HSE immediately. The State of Alaska has very stringent reporting requirements. Some spills require immediate notification to State and Federal agencies. All spills no matter how small must be cleaned up safely and properly. If the spill occurs on a customer's facility you must notify them and follow their facility procedures.

Waste Management

Our HSE outlines ways to minimize waste. Industry Best Practices require us to evaluate how we conduct work and where waste is generated. Whenever possible we should look for ways of minimizing the amount of chemicals that we store and strive to find environmentally friendly alternatives to the chemicals that we use in the workplace. When waste is generated we must place it in an approved storage container that is properly labeled the material name, where the material came from, and the date that it was produced.



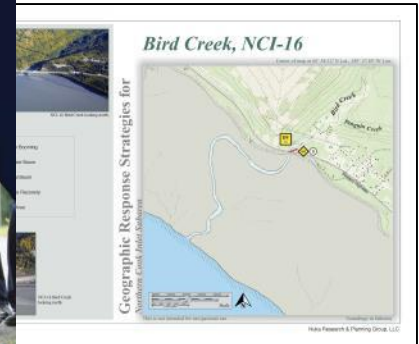
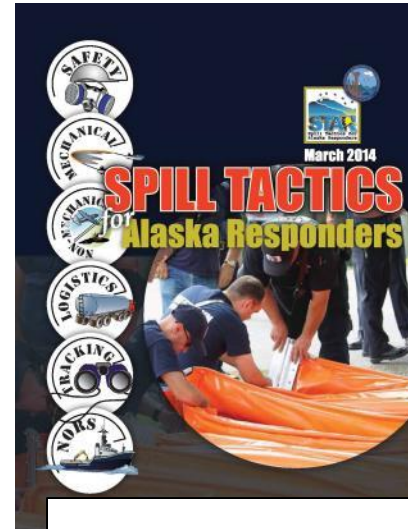
Summary

- Understand EMS policy and procedures for chemical handling, if you don't know ask!
- Prevent spills through proper handling techniques, use spill containment systems.
- If a release occurs report it immediately!
- Practice proper waste management.

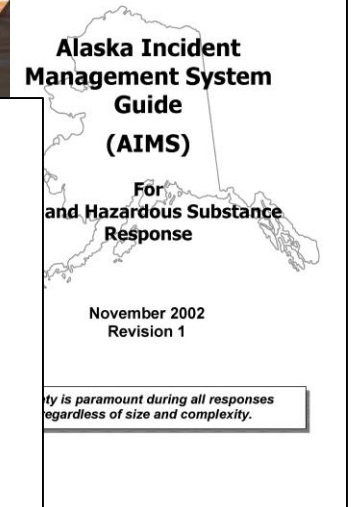
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Employee Training

- We utilize the following resources for training and responses:
 - Alaska Incident Management System (AIMS)
 - Spill Tactics and Response manual (STAR)
 - Geographical Response Strategies (GRS) when available
 - Alaska Sub-Regional Plans



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Conclusion

- Emergency response is more than just training and equipment
- Important to follow State and National regulations and guides
- Don't be afraid to customize the tools to fit your needs
- You must train your employees before you can expect them to respond
- Foster relationships before an incident occurs

Questions?

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